



SPECIFICATIONS

System	
CPU	Intel Processor N95/N100/i3-N305
Memory	Single SO-DIMM DDR4 Max. 16 GB
Storage	1 x M.2 M Key 2280 NVMe/SATA SSD
Display	3 x HDMI, support 4K@30Hz
USB	3 x USB3.0 Type-A, 2 x USB2.0 Type-A, 1 x USB2.0 Type-C
LAN	2 x RJ45, 10/100/1000Mbps
COM	4 x COM, COM 1 ~ COM 3 support RS232, COM4 support RS232/RS422/RS485
Audio	1 x Line-out, 1 x Mic-in
SIM Card	1 x SIM Card slot/e-SIM module (optional)
Expansion	1 x M.2 E Key 2230 (for WiFi & Bluetooth), 1 x M.2 B Key 3040/3050 (for 4G/5G)
TPM	TPM2.0
WatchDog	Support
Auto power on	Support
RTC	Support

OS

OS Support	Windows 10, Windows 11, Linux
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OPTIONS

System	
CPU	Intel Processor N95, Intel Processor N100, Intel Processor Core i3-N305
Memory	Single SO-DIMM DDR4, 8GB, 16GB
Storage	M.2 2280 NVMe/SATA, 128GB, 256GB, 512GB

FEATURES

- Intel low power Alder Lake-N processor
- Three displays, 3*HDMI 4K@30Hz
- M.2 2280M Key is compatible with SATA and NVMe
- Multiple USBs: 3 x USB3.0, 2 x USB2.0, 1 x Type-C
- Industrial connectivity with 4 x COM ports (RS232/422/485)
- Dual gigabit network ports, WiFi and 4G/5G options

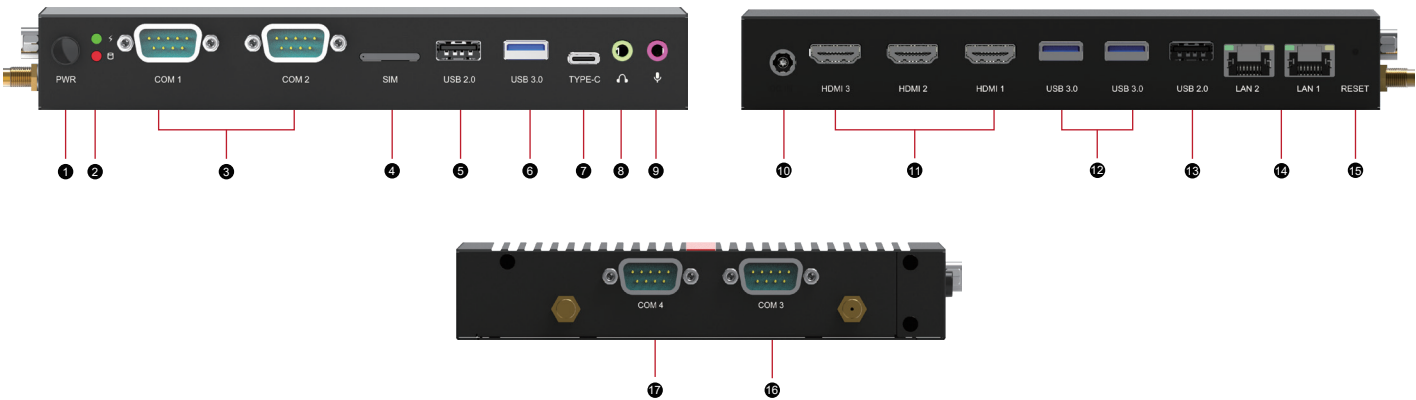
Power	
Input Voltage	12V, 2.5/5.5 DC-in

Mechanical	
Dimensions	190x151.8x29.85mm (7.5x6.0x1.2 in)
Net Weight	1.2kg (2.5 lb)

Environment	
Operating Temperature	-5~45℃ (23~113℉)
Storage Temperature	-20~70℃ (-4~158℉)
Relative Humidity	10%~90% (non-condensing)
Vibration	Operating random vibration test 5~500Hz, 1Grms @with SSD, follows IEC 60068-2-64)
Shock	Operating 10G peak acceleration (11ms duration), follows IEC 60068-2-27)
EMC	CE FCC

Communications	
WiFi & Bluetooth	Intel 3165, Intel AX101
4G/5G	EC25, EG25, EM05

I/O LAYOUT



- 1 Power Button

6 1 x USB3.0

11 3 x HDMI 4K@30Hz

16 COM 3, RS232
- 2 Power&HDD LED

7 1 x Type-C (USB2.0)

12 2 x USB3.0

17 COM 4, RS232/RS422/RS485
- 3 COM1 & 2, RS232

8 Line-out

13 1 x USB2.0
- 4 1 x SIM Card slot

9 Mic-in

14 2 x RJ45, 1000Mbps
- 5 1 x USB2.0

10 DC-in 12V

15 Reset

PRODUCT DIMENSIONS

unit: mm

